



SEQUENCE LISTING

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<120> CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES

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<140> 10/053,498

<141> 2002-01-17

<150> 08/961,707

<151> 1997-10-31

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Gly Gly Gly Ser
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<400> 145

Gln Lys Arg Ala Ala
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Arg Arg Arg Ala Ala
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Lys Phe Glu Arg Gln
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Asp Arg Thr His Ala Thr Ser
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Met Ser Thr Thr Phe Tyr Ser
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Met Ala Pro Ser Pro Pro His
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Ser Ser Phe Pro Asp Leu Leu
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Gln Ala Ala Gln Ser Arg Ser
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Phe Ala Thr His His Ile Gly
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Ile Pro Arg Tyr His Leu Ile
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Ser Ala Pro His Met Thr Ser
1 5

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Lys Ala Pro Val Trp Ala Ser
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Leu Pro His Trp Leu Leu Ile
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Val Thr Pro Lys Thr Gly Ser
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Glu His Pro Met Pro Val Leu
1 5

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Val Ser Ser Phe Val Thr Ser
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Ser Thr His Phe Thr Trp Pro
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Gly Pro Pro His Gln Asp Ser
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Asn Thr Leu Pro Ser Thr Ile
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His Gln Pro Ser Arg Trp Val
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Tyr Gly Asn Pro Leu Gln Pro
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Phe His Trp Trp Trp Gln Pro
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Thr Trp Trp Leu Asn Tyr Arg
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Phe His Trp Trp Trp Gln Pro
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Ser Pro Ala Ser Pro Val Tyr
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Phe His Trp Trp Trp Gln Pro
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Trp His Trp Gln Met Leu Trp
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Asp Ser Phe Arg Thr Pro Val
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Ala Tyr Asn Tyr Val Ser Asp
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Arg Pro Leu His Asp Pro Met
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Ala Thr Leu Glu Pro Val Arg
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Ser Met Thr Val Leu Arg Pro
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Gln Ile Gly Ala Pro Ser Trp
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Ala Pro Asp Leu Tyr Val Pro
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Arg Met Pro Pro Leu Leu Pro
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Ala Lys Ala Thr Pro Glu His
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Tyr Pro His Pro Ser Arg Ser
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Gly Thr Ala His Phe Met Tyr
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Tyr Ser Leu Leu Pro Thr Arg
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Leu Pro Arg Arg Thr Leu Leu
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Thr Ser Thr Leu Leu Trp Lys
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Thr Ser Asp Met Lys Pro His
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Thr Ser Ser Tyr Leu Ala Leu
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Ala Tyr Lys Ser Leu Thr Gln
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Glu Gly Pro Leu Arg Ser Pro
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Ser Leu Trp Thr Arg Leu Pro
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Val Pro Ala Lys Pro Arg His

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His Asn Leu His Pro Asn Arg
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Ala Val Thr Ala Ala Ile Val
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Thr Leu Met His Asp Arg Val
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Thr Pro Leu Lys Val Pro Tyr
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Phe Thr Asn Gln Gln Tyr His
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Ser His Val Pro Ser Met Ala
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His Thr Thr Val Tyr Gly Ala
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Thr Glu Thr Pro Tyr Pro Thr
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Leu Thr Thr Pro Phe Ser Ser
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Gly Val Pro Leu Thr Met Asp
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Lys Leu Pro Thr Val Leu Arg
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Cys Arg Phe His Gly Asn Arg
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Ser Ser Ala Ala Gly Pro Arg
1 5

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Ser Ser Xaa Ser Leu Tyr Ile

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Phe Asn Thr Ser Thr Arg Thr

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<400> 254

Thr Val Gln His Val Ala Phe

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<210> 255

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<400> 255

Asp Tyr Ser Phe Pro Pro Leu

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Val Gly Ser Met Glu Ser Leu

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Ala Pro Pro Arg Val Thr Met
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Ile Ala Thr Lys Thr Pro Lys
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Lys Pro Pro Leu Phe Gln Ile
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Tyr His Thr Ala His Asn Met
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Ser Tyr Ile Gln Ala Thr His
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Ser Ser Phe Ala Thr Phe Leu
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Thr Thr Pro Pro Asn Phe Ala
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Ser Leu Pro Leu Phe Gly Ala
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Ala Pro Leu Asp Arg Ile Thr
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Ser Trp Ile Gln Thr Phe Met
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Glu Pro Leu Pro Thr Thr Leu
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Tyr Leu Asn Ser Thr Leu Ala
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Asn Gln Val Asp Thr Ala Arg
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Tyr Pro Thr Pro Leu Leu Thr
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Lys Tyr Val Pro Leu Pro Pro
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Gly Leu Ala Thr Val Lys Ser
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Lys Pro Pro Gly Pro Val Ser
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Thr Leu Tyr Val Ser Gly Asn
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Val Ala Phe Thr Arg Leu Pro
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Leu Pro Thr Arg Thr Pro Ala
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Ala Ser Phe Asp Leu Leu Ile
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Arg Met Asn Thr Glu Pro Pro
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Gln Thr Lys Val Met Thr Thr
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Thr Trp Gln Pro Tyr Phe His
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Thr Ala His Asp Leu Thr Val
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Asn Met Thr Asn Met Leu Thr
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Gly Ser Gly Leu Ser Gln Asp
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Ser His Leu Tyr Arg Ser Ser
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Leu Leu Met Gly Thr Leu Gly Ile Val
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Gly Leu His Cys Tyr Glu Gln Leu Val
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Pro Leu Lys Gln His Phe Gln Ile Val
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Phe His Trp Trp Trp
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<400> 321

Ser Ile Ile Asn Phe Glu Lys Leu Gly Ser Gly His Trp Asp Phe Ala
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Trp Pro Trp
19

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Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa
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<223> Xaa = Ser or Thr

<220>

<221> VARIANT

<222> 3,4

<223> Xaa = hydrophobic amino acid residues

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Xaa Xaa Xaa Xaa Xaa Xaa

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Xaa Xaa Xaa Xaa

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<222> 1,3,5,7

<223> Xaa = hydrophobic amino acid residues

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<223> Xaa = any amino acid

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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